

Claims

1. A contact positioning assembly for a cable comprising:
a plurality of contacts attached to conductors of an electrical cable, the
conductors secured in radially outward facing U-shaped slots of a first spacer for
5 positioning the conductors, the number of slots corresponding to the number of
conductors so that each slot holds a single conductor;
wherein said first spacer is generally cylindrical-shaped with the slots
equally spaced around its circumference; and
wherein the slots are sized smaller than an outside diameter of the
10 conductors so as to provide a frictional interference between the slots and
conductors for securely holding the conductors in the slots.
2. The contact positioning assembly of claim 1, wherein:
there are four slots and four conductors.
- 15 3. The contact positioning assembly of claim 1, wherein:
a base portion of the first spacer engages rings on the contacts to prevent
the contacts from sliding.
- 20 4. The contact positioning assembly of claim 3, wherein:
the slots are separated by walls, the walls extending above the slots and
abutting a cable ferrule, the ferrule securing the first spacer between itself and the
rings
- 25 5. The contact positioning assembly of claim 3, further comprising:
a second spacer that slides over the contacts and is positioned adjacent the
first spacer.

6. The contact positioning assembly of claim 3, wherein:
the first spacer is made of a dielectric material to provide electrical shielding.

5 7. A spacer for positioning conductors of an electrical cable comprising:
a generally cylindrical spacer having U-shaped slots equally spaced around the circumference of the spacer, the slots having openings facing radially outward and being dimensioned slightly smaller than the diameter of the
10 conductors so as to provide frictional interference to hold the conductors, and the slots being adapted to hold a single conductor.

8. The spacer of claim 6 wherein the spacer is made of a dielectric material.

15 9. The spacer of claim 7 wherein the slots are separated by walls that extend above the slots, a top portion of the walls being adapted to abut a cable ferrule and a base portion of the spacer adapted to abut contact rings, wherein the spacer is secured between the cable ferrule and contact rings.

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